

S/N 09/382,182

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	YOSHIO HAGIWARA	Examiner:	G. GOUDREAU
Serial No.:	09/382,182	Group Art Unit:	1763
Filed:	08/24/1999	Docket No.:	12052.20US01
Title:	METHOD FOR FORMING MULTI-LAYER WIRING STRUCTURE		

AMENDMENT AND RESPONSE

Box: Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

#10B
3/22/02
MW

Dear Sir:

This communication is in reply to the Office Action of December 21, 2001.

AMENDMENTSIn the Claims

Please cancel claim 2.

Please amend claim 1 as follows.

RECEIVED
MAR 21 2002
TC 1700
OFFICIAL

1. (AMENDED) A method for forming a multi-layer wiring structure, comprising the following steps:

- B1
- (a) etching to form via-holes or wiring gutters through a resist mask on an insulating film between layers of a silica system having a dielectric constant being equal to or less than 3.5;
 - (b) filling up said wiring gutters or said via-holes with conductive material using a damascene method; and
 - (c) performing an ashing process on said resist mask using oxygen gas plasma under an atmospheric pressure from 0.01 Torr to 30.0 Torr.

Merchant & Gould

An Intellectual Property Law Firm

3200 IDS Center
80 South Eighth Street
Minneapolis, Minnesota
55402-2215 USA
TEL 612.332.5300
FAX 612.332.9081
www.merchant-
gould.com

A Professional Corporation

Fax Transmission | March 21, 2002

TO: Commissioner for
Patents
Attn: Examiner G. Goudreau
Patent Examining Corps
Facsimile Center
Washington, D.C. 20231

FROM: Curtis B. Hamre

OUR REF: 12052.20US01

Total pages, including cover letter: 6

PTO FAX NUMBER 1-703.872.9310

If you do NOT receive all of the pages, please telephone us at 612.332-5300, or fax us at 612.332.9081.

Title of Document Transmitted:
Applicant: Yoshio Hagiwara
Serial No.: 09/382,182
Filed: 08/24/1999
Group Art Unit: 1763
Our Ref. No.: 12052.20US01

Amendment and Response

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: Curtis B. Hamre
Name: Curtis B. Hamre
Reg. No.: 29,165

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

[Signature]
Signature

GEN033.DOT

3/21/02
Date